

version of Claims 1, 11, 13-14 and 20-21, showing the changes made thereto, is attached.

1. (Twice Amended) A composition comprising:

- (a) a 2-cyanoacrylate monomer of the formula  $H_2C=C(CN)-COOR$ , wherein R is selected from the group consisting of  $C_{1-15}$  alkyl, alkoxyalkyl, cycloalkyl, alkenyl, aralkyl, aryl, allyl and haloalkyl groups,
- (b) a metallocene component,
- (c) a polymerisingly effective amount of a photoinitiator component other than the metallocene component to render the composition capable of photocuring in air upon exposure to at least one type of electromagnetic radiation selected from the group consisting of ultraviolet light, visible light, electron beam, x-ray and infrared radiation, and
- (d) one or more sulfur-containing compounds selected from the group consisting of sulfonates, sulfinates, sulfates, and sulfites.

Cancel Claims 2 and 3, without prejudice or disclaimer of that which was defined thereby.

2. (Amended) The composition according to Claim 1, wherein the metallocene component is selected from the

group consisting of diaryl phosphino metal-complexed ferrocenes, bis-alkyl ferrocenes, and  $M_e[CW_3-CO-CH=C(O^-)-CW'_3]_2$ , wherein  $M_e$  is selected from Fe, Ti, Ru, Co, Ni, Cr, Cu, Mn, Pd, Ag, Rh, Pt, Zr, Hf, Nb, V and Mo, and W and W' may be the same or different and may be selected from H and halogen.

13. (Amended) The composition according to Claim 1, wherein the metallocene component is ferrocene.

14. (Twice Amended) The composition according to Claim 1, wherein the photoinitiator component is selected from the group consisting of 1-hydroxycyclohexyl phenyl ketone, 2-methyl-1-2-morpholine propan-1-one, benzophenone, 2-benzyl-2-N,N-dimethylamino-1-(4-morpholinophenyl)-1-butanone, 2,2-dimethoxy-2-phenyl acetophenone, bis(2,6-dimethoxybenzoyl-2,4,4-trimethyl pentyl) phosphine oxide, 2,4,6-trimethylbenzoyldiphenyl-phosphine oxide, bis(2,4,6-trimethyl benzoyl) phenyl phosphine oxide, 2-hydroxy-2-methyl-1-phenyl-propan-1-one, alkyl pyruvates, aryl pyruvates and combinations thereof.

20. (Amended) The composition according to Claim 1, wherein the cyanoacrylate component includes ethyl-2-cyanoacrylate which is present in an amount within the range

of about 97.9% by weight to about 99.4% by weight of the total composition, the metallocene component is ferrocene which is present in an amount of about 0.1% by weight of the total composition, the photoinitiator component includes the combination of bis(2,6-dimethoxybenzoyl-2,4,4-trimethyl) pentyl phosphine oxide and 2-hydroxy-2-methyl-1-phenyl-propan-1-one which is present in an amount in the range of about 0.5% to about 2% by weight of the total composition, and the sulfur-containing compound is present in an amount in the range of about 0.1% to about 10% by weight of the total composition.

21. (Amended) The composition according to Claim 1, wherein the cyanoacrylate component includes: ethyl-2-cyanoacrylate which is present in an amount within the range of about 98.715% to about 98.75% by weight of the total composition and  $\text{BF}_3$  in an amount within the range of about 0.04% to about 0.075% by weight of the total composition, the metallocene component is ferrocene which is present in an amount of about 0.02% by weight of the total composition, the photoinitiator component includes the combination of bis(2,6-dimethoxybenzoyl-2,4,4-trimethyl) pentyl phosphine oxide and 2-hydroxy-2-methyl-1-phenyl-propan-1-one which is present in an amount of about 1.2% by weight of the total composition, and the sulfur-containing compound is present in